12X BD Writer: BD-5300S

- Read speed: BD 8x /DVD 16x / CD 48x max
- Write speed: BD-R 12x /DVD+R/-R 16x max

DVD+RW:	**8x**	**max**	**DVD-RW:**	**6x**	**max**
DVD+R9:	**8x**	**max**	**DVD-R DL:**	**8x**	**max**
DVD-RAM:	**12x**	**max**			
CD-R:	**48x**	**max**	**CD-RW:**	**24x**	**max**

- S-ATA interface (max 150 Mbytes transfer rate)
- Seamless Link Buffer Under-run Protection
- 12cm and 8cm CD/DVD/BD media supported
- 0.64 kg weight
- 3 tray-eject methods - button, software, emergency hole

Specifications		12x S-ATA BD Writer (BD-5300S)							
		Blu-ray disc		DVD			CD		
Transfer Rate - READ	BD	8x	(36 Mbytes/Sec)	DVD	16x	(21.13 Mbytes/sec)	CD	48x	(7200 Kbytes/sec)
Transfer Rate - WRITE	BD-R	12x	(54 Mbytes/Sec)	-R	16x	(21.13 Mbytes/sec)	CD-R	48x	(7200 Kbytes/sec)
	BD-R DL	8x	(36 Mbytes/Sec)	-R DL	8x	(10.57 Mbytes/sec)		./.	
	BD-RE	2x	(9 Mbytes/Sec)	-RW	6x	(7.93 Mbytes/sec)	CD-RW	24x	(3600 Kbytes/sec)
		./.		-RAM	12x	(15.85 Mbytes/sec)		./.	
		./.		+R	16x	(21.13 Mbytes/sec)		./.	
		./.		+R9	8x	(10.57 Mbytes/sec)		./.	
		./.		+RW	8x	(10.57 Mbytes/sec)		./.	
Access Time (Random)		SL:250ms / DL:380ms		SL:150ms / DL:160ms / RAM:200ms				150ms	
Mechanism		Tray load mechanism, Horizontal & Vertical mount							
Interface		SATA							
Burst Tranfer Rate		150 Mbytes max.							
Cache Memory		8 Mbytes							
Media/Modes supported		BD-ROM, BD-ROM DL, BD-R, BD-R DL, BD-RE, BD-RE DL, BD-R (LTH), DVD-ROM, DVD-Video, DVD-R/-R DL/-RW, DVD +R/+R9/+RW, DVD-RAM; CD-DA, CD-ROM (XA), CD Extra, Video CD, Photo CD, CD Text, CD Extra, CD-R, CD-RW							
Weight		0.64 kg							
Dimensions		146mm x 41.3mm x 170mm							
Operating system		Windows XP / Vista / 7							